

Data File : VU028840.D
Acq On : 20 Dec 2018 21:31
Operator : MD/SY
Sample : J6507-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF048

Quant Time: Dec 21 06:01:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	196629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181364	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75226	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65993	41.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.72%
7) Chloroethane-d5	1.67	69	54045	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.78%
11) 1,1-Dichloroethene-d2	2.27	63	85523	32.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.52%
21) 2-Butanone-d5	4.18	46	115133	104.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.25%
24) Chloroform-d	4.65	84	113847	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.86%
26) 1,2-Dichloroethane-d4	5.31	65	72687	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
32) Benzene-d6	5.34	84	245422	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	86391	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.26%
41) Toluene-d8	7.56	98	215773	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	7.85	79	36201	46.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.82%
47) 2-Hexanone-d5	8.31	63	87854	106.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119047	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	75986	49.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.88%

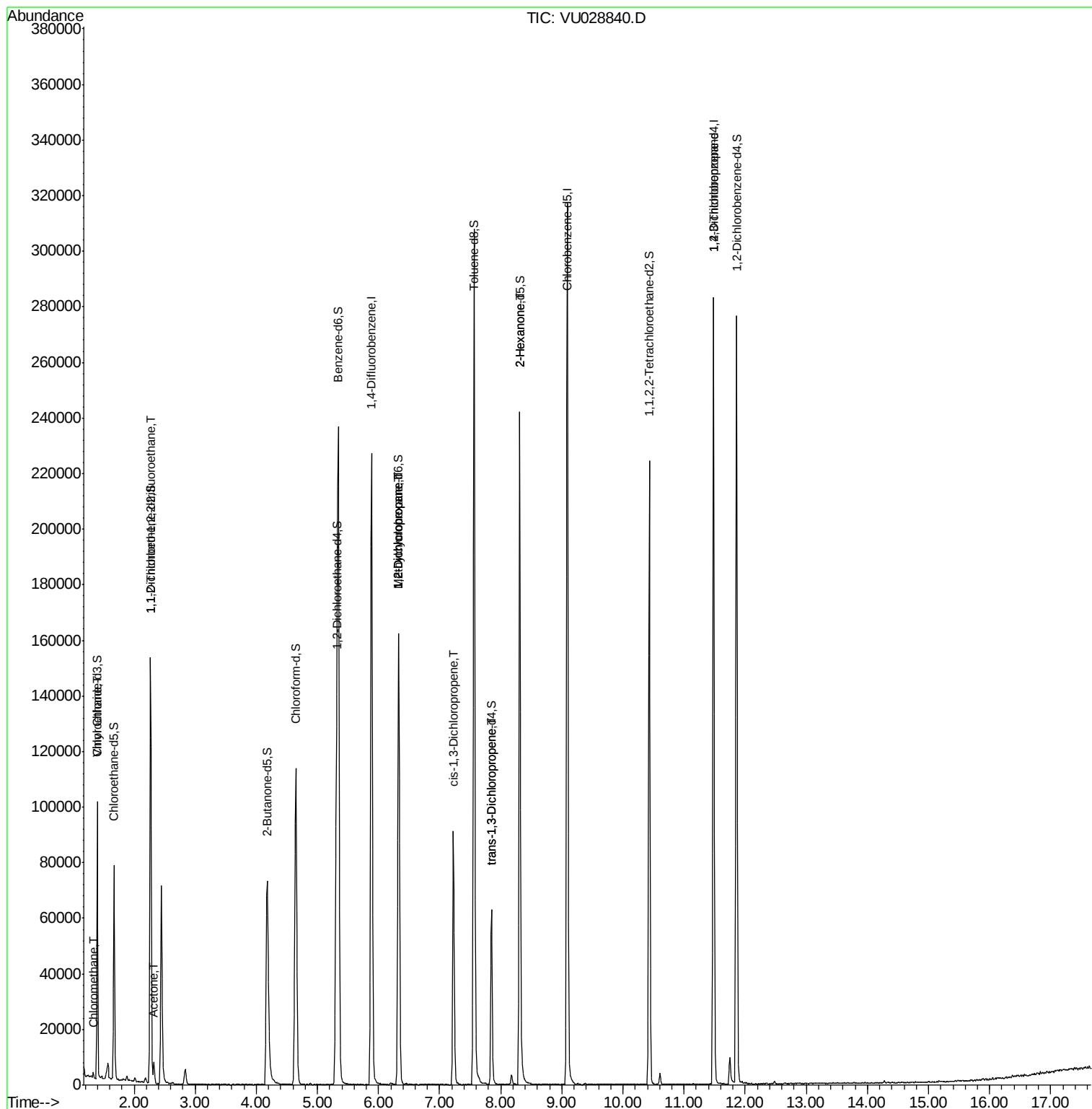
Target Compounds

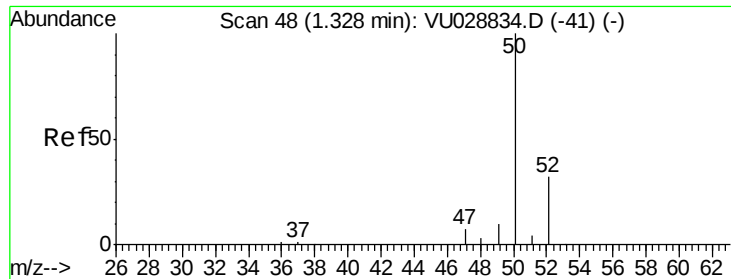
					Qvalue
3) Chloromethane	1.33	50	1698	0.779 ug/L	93
8) Chloroethane	1.40	64	964	0.877 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	787	0.618 ug/L #	20
13) Acetone	2.32	43	7149	6.352 ug/L	98
35) Methylcyclohexane	6.33	83	17881	7.702 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8324	5.157 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1972	0.857 ug/L #	43
44) trans-1,3-Dichloropropene	7.85	75	1227	0.598 ug/L	95
48) 2-Hexanone	8.31	43	8929	5.015 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	9305	4.831 ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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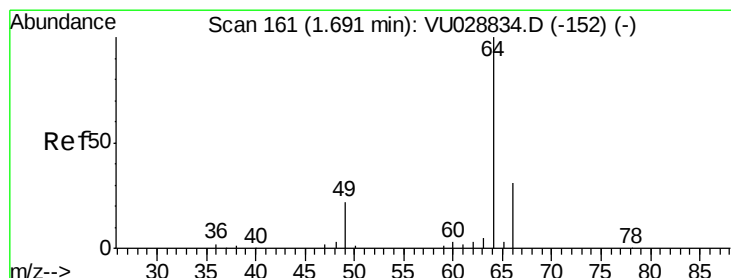
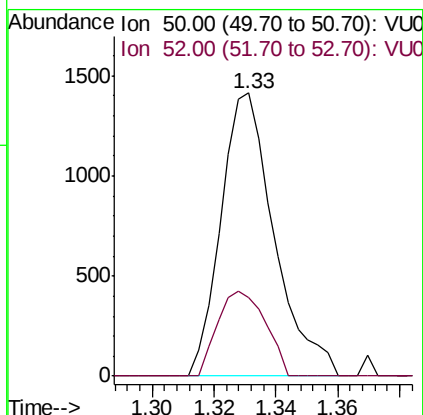
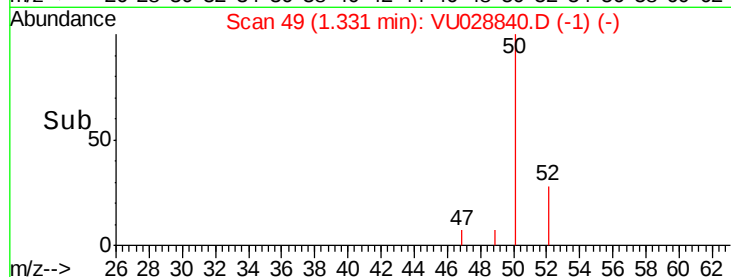
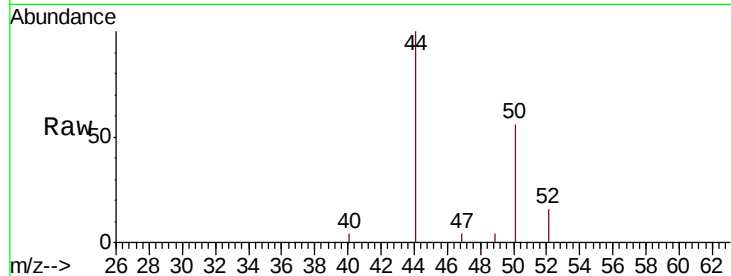




#3
Chloromethane
Concen: 0.779 ug/L
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU028840.D
Acq: 20 Dec 2018 21:31

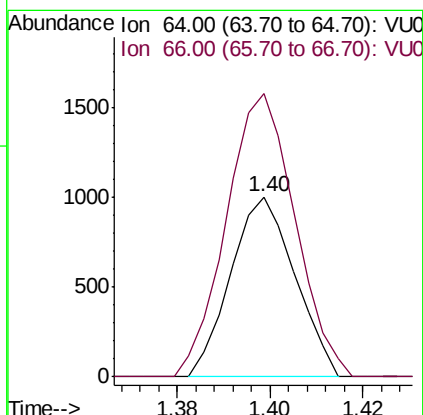
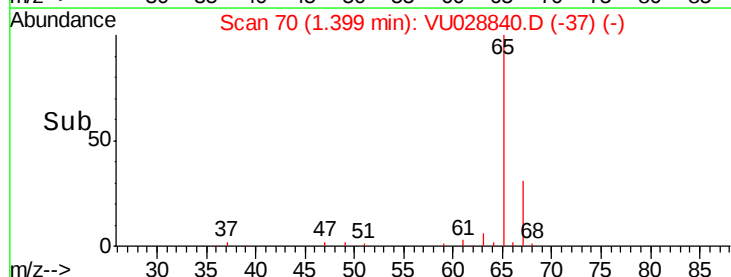
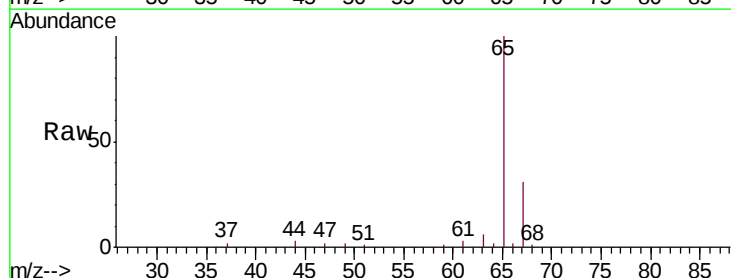
Instrument :
MSVOA_U
ClientSampleId :
BF048

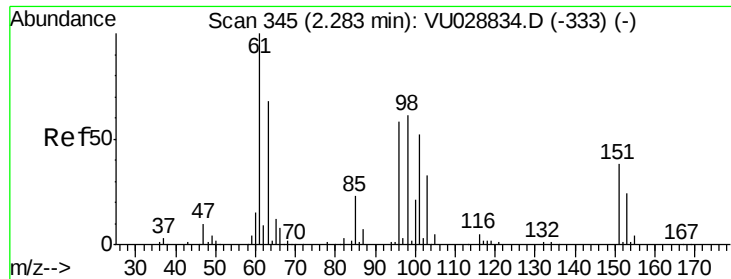
Tgt Ion: 50 Resp: 1698
Ion Ratio Lower Upper
50 100
52 27.9 22.3 41.3



#8
Chloroethane
Concen: 0.877 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028840.D
Acq: 20 Dec 2018 21:31

Tgt Ion: 64 Resp: 964
Ion Ratio Lower Upper
64 100
66 157.1 21.5 39.9#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.618 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028840.D

Acq: 20 Dec 2018 21:31

Instrument :

MSVOA_U

ClientSampleId :

BF048

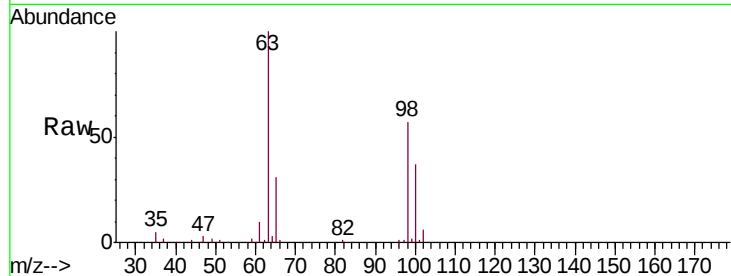
Tgt Ion: 101 Resp: 787

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

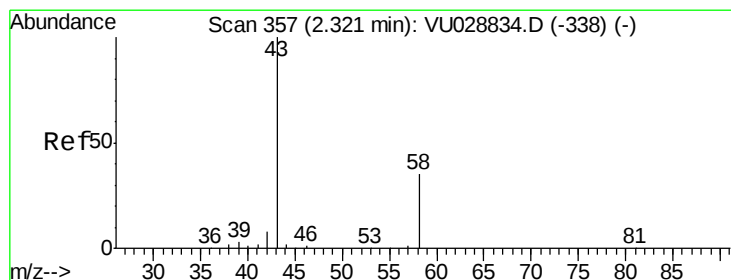
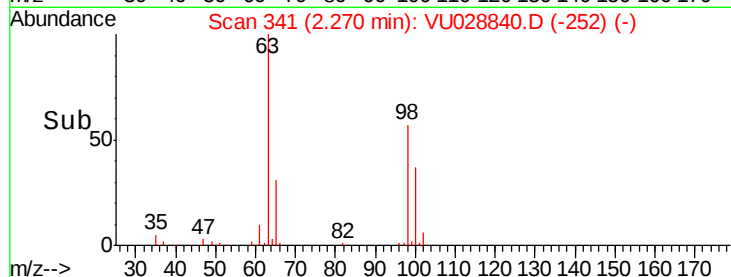
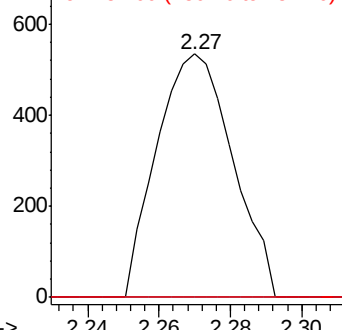
151 0.0 59.4 89.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.352 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028840.D

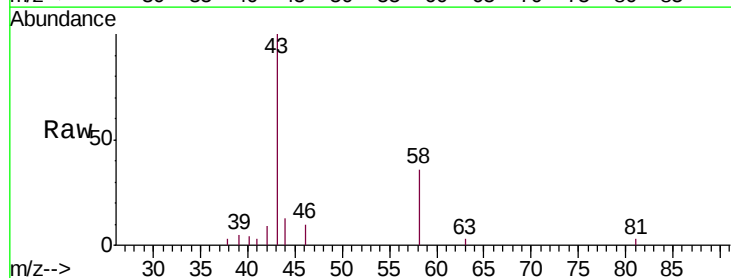
Acq: 20 Dec 2018 21:31

Tgt Ion: 43 Resp: 7149

Ion Ratio Lower Upper

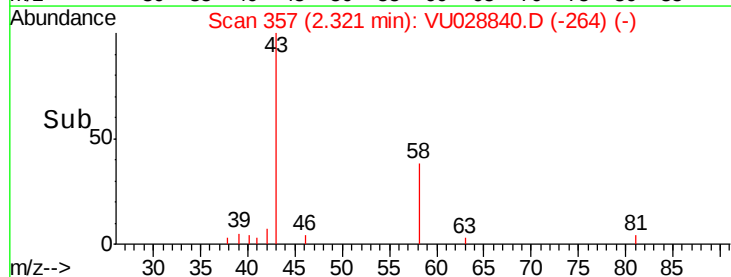
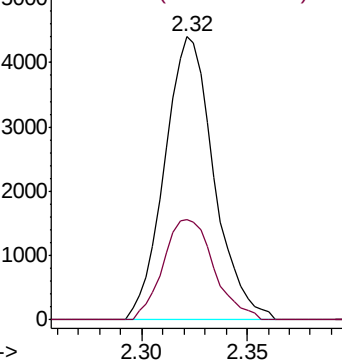
43 100

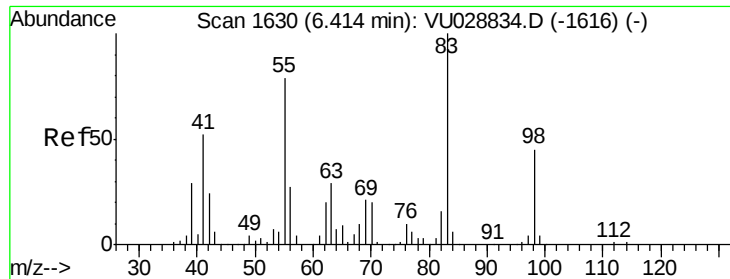
58 36.5 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

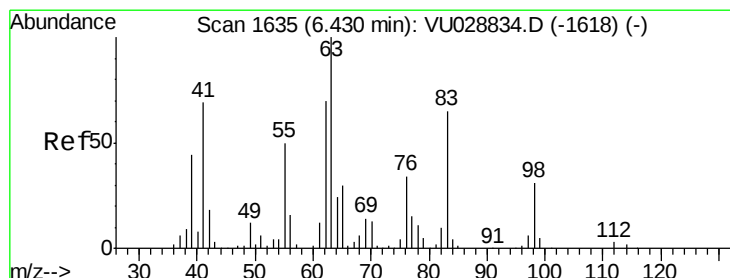
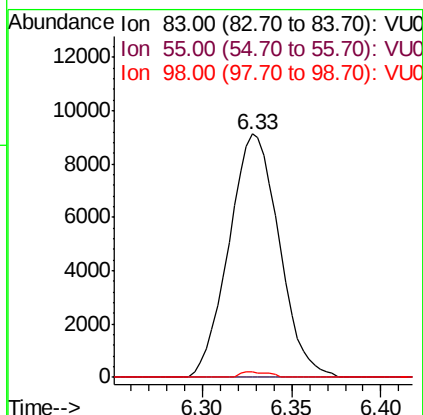
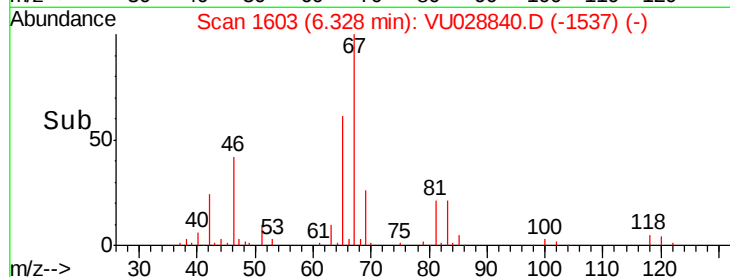
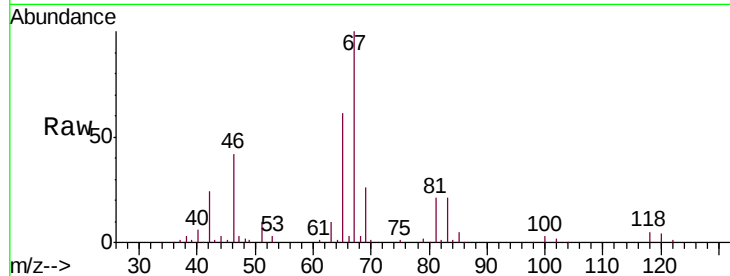




#35
Methylcyclohexane
Concen: 7.702 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028840.D
Acq: 20 Dec 2018 21:31

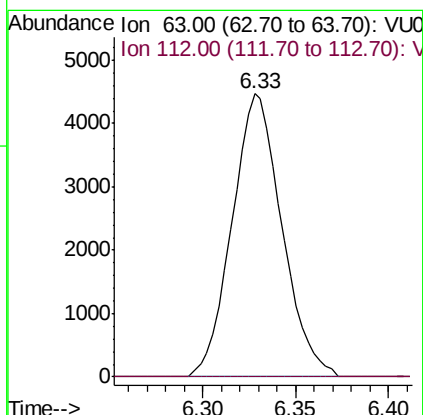
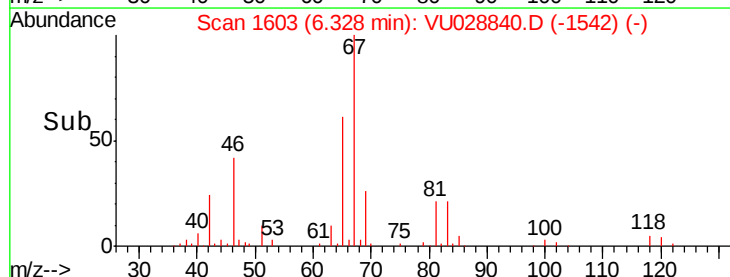
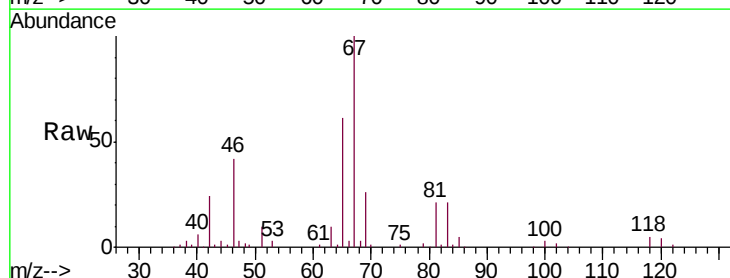
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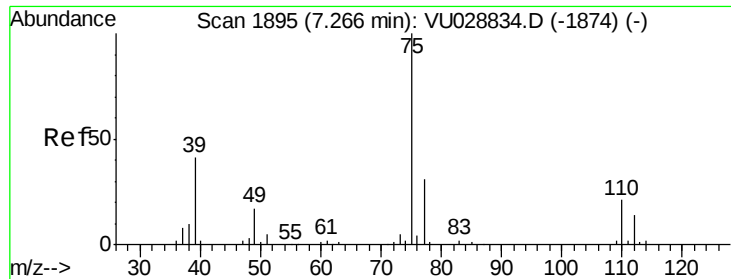
Tgt Ion: 83 Resp: 17881
Ion Ratio Lower Upper
83 100
55 0.0 63.7 95.5#
98 1.2 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 5.157 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028840.D
Acq: 20 Dec 2018 21:31

Tgt Ion: 63 Resp: 8324
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

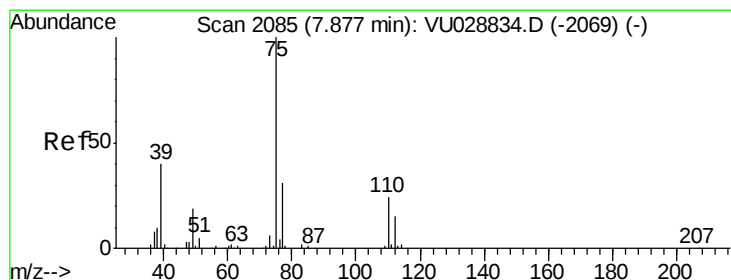
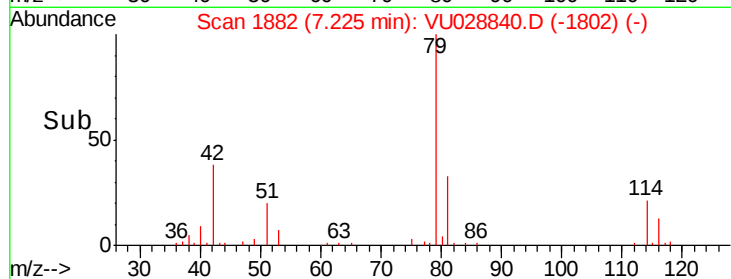
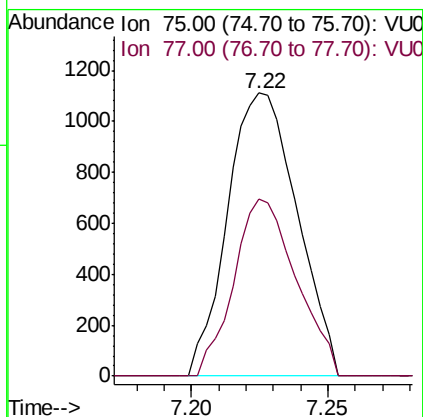
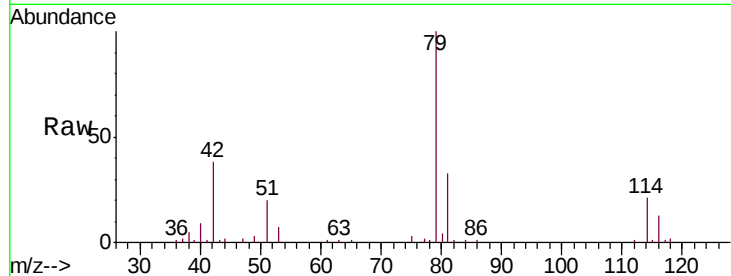




#39
 cis-1,3-Dichloropropene
 Concen: 0.857 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028840.D
 Acq: 20 Dec 2018 21:31

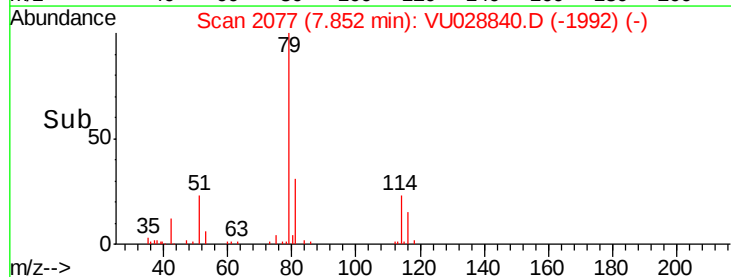
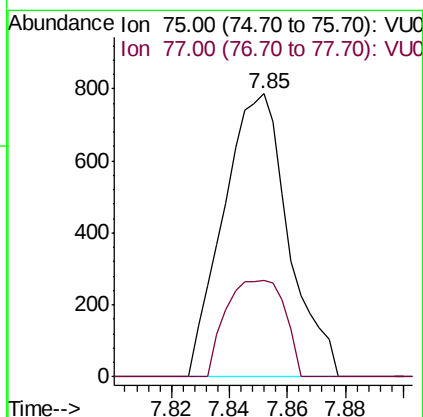
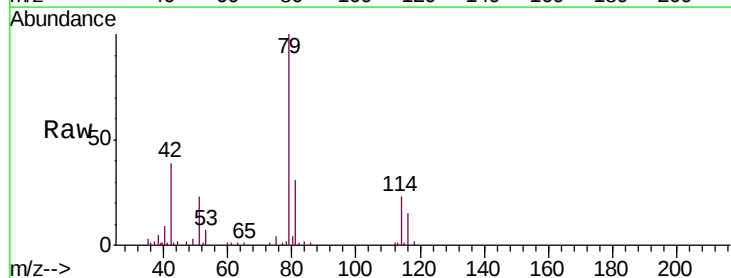
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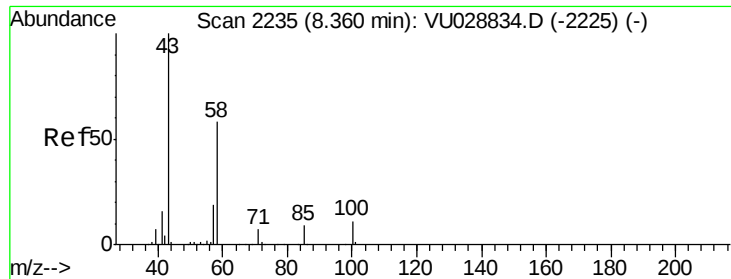
Tgt Ion: 75 Resp: 1972
 Ion Ratio Lower Upper
 75 100
 77 62.6 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.598 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU028840.D
 Acq: 20 Dec 2018 21:31

Tgt Ion: 75 Resp: 1227
 Ion Ratio Lower Upper
 75 100
 77 33.9 21.8 40.6

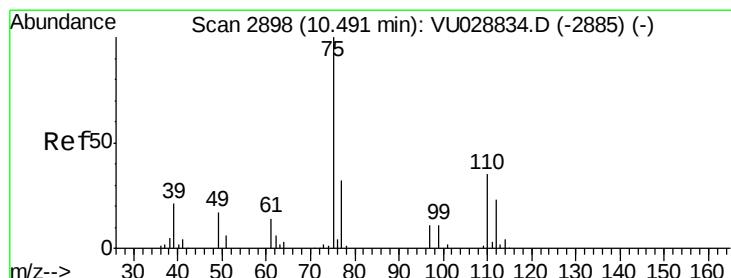
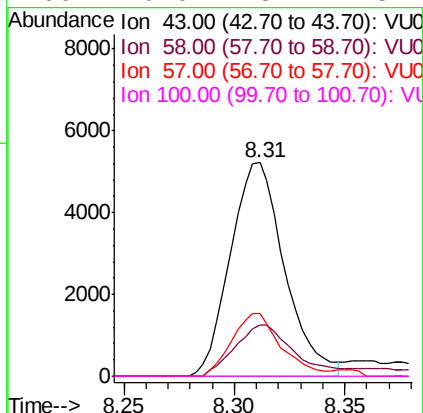
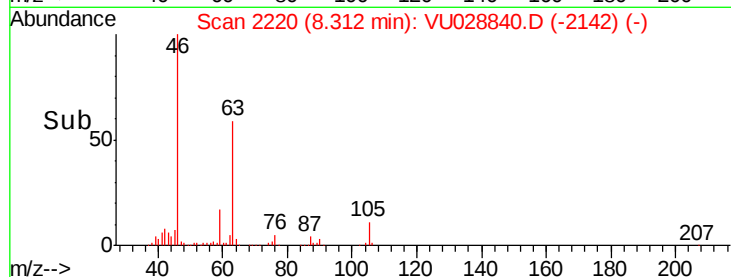
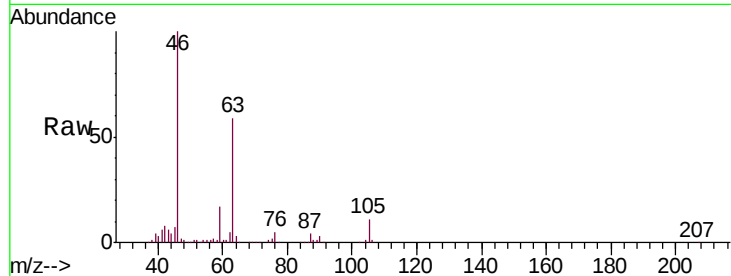




#48
 2-Hexanone
 Concen: 5.015 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU028840.D
 Acq: 20 Dec 2018 21:31

Instrument :
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 ClientSampleId :
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Tgt Ion: 43 Resp: 8929
 Ion Ratio Lower Upper
 43 100
 58 26.6 45.9 68.9#
 57 26.9 15.0 22.4#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 4.831 ug/L
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.99 min
 Lab File: VU028840.D
 Acq: 20 Dec 2018 21:31

Tgt Ion: 75 Resp: 9305
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.5 38.3

